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1 D. Provisions to adaptively manage the target flows based on ecological and social
2 outcomes because of precipitation events, stream flows and effects;
3 E. Adjustments to the target flow due to emergencies;
4 F. Requirements for monitoring, accounting, and reporting target flow; and
5 G. Other operational and administrative procedures that may be required to fulfill the
6 purpose of this Ordinance.

7 *Anticipated watershed yield* means the expected annual yield of water to the Santa Fe
8 River and the municipal reservoirs within the Santa Fe River upper watershed, expressed as
9 the percentage of the historical average; the anticipated watershed yield is estimated as of
10 April 15th using the best available information including the amount of snow, both as depth
11 (in inches) and snow-to water equivalent (in inches) at the weather stations in the upper
12 watershed (Santa Fe and Elk Cabin); the Santa Fe Basin forecast predictions from Natural
13 Resource Conservation Service (NRCS); weather forecast from the National Weather Service
14 and NOAA; and any other pertinent appropriate weather-related information.

15 *Below Nichols gage* means the stream gaging station 08316505 located below
16 Nichols Reservoir, or at a comparable location of measurement at or below the outlet from
17 Nichols Dam; this is the measuring point for target flows administration pursuant to the
18 administrative procedures.

19 *Bypass flow* means, generally, water that flows past a diversion or storage facility. In the
20 administrative procedures, it refers to water that the city chooses not to store in the municipal
21 reservoirs and thus allows to flow to the Santa Fe River below Nichols Reservoir provided that the
22 rate at which the bypass flow is passed through the outlet works of Nichols Reservoir dam is always
23 equal or less than the stream inflow at the 'above McClure' gage.

24 *Hydrograph* means a graphic representation of stream discharge, in cubic feet per second,
25 plotted against time.

1 **Section 7. A new Section 25-13.6 SFCC 1987 is ordained to read:**

2 **25-13.6 [NEW MATERIAL] Coordination with Santa Fe River Community Events.**

3 When possible, target flows and target hydrographs shall be patterned to support community events
4 scheduled along the Santa Fe River.

5 **Section 8. A new Section 25-13.7 is ordained to read:**

6 **25-13.7 [NEW MATERIAL] Water Emergency Target Flow Adjustment.**

7 A. Pursuant to Section 25-5.6 SFCC 1987, upon declaration of a water emergency, the
8 city manager is authorized to adjust target flows to the Santa Fe River.

9 (1) For the "Water Warning – Orange" implementation stage, target flows to the
10 Santa Fe River may be suspended.

11 (2) For the "Water Emergency – Red" implementation stage, target flows to the
12 Santa Fe River shall be suspended.

13 B. The administrative procedures provide the detailed process for adjusting target flows
14 to the Santa Fe River during a declared water emergency.

15 **Section 9. A new Section 25-13.8 is ordained to read:**

16 **25-13.8 [NEW MATERIAL] Reporting and Review.** Annually city staff shall provide a
17 report to the governing body summarizing the previous year's target flows and projection for the next
18 year's target flows. The annual report shall provide the governing body the opportunity to review this
19 Ordinance. Additional information regarding accounting and reporting is provided for in the
20 administrative procedures.

21 **Section 10. A new Section 25-13.9 is ordained to read:**

22 **25-13.9 [NEW MATERIAL] Effective Date.** This ordinance shall become effective five
23 days after publication of adoption.
24
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